No. 200200132

# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

## American Takii, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

*LETTUCE*

*'Dallas'*

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of Washington, D.C. this twenty-fifth day of August, in the year two thousand and five.*

*Attest:*

*Commissioner*
*Plant Variety Protection Office*
*Agricultural Marketing Service*

*Secretary of Agriculture*

REPRODUCE LOCALLY. *Include form number and date on all reproductions* — Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

# APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
*(Instructions and information collection burden statement on reverse)*

*The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.*

*Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).*

1. NAME OF OWNER
American Takii, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
<Lettuce D>

3. VARIETY NAME
'Dallas' (lot: 1/28/2005)

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
301 Natividad Road
Salinas, CA 93906
USA

5. TELEPHONE *(Include area code)*
(831) 443-4901

6. FAX *(Include area code)*
(831) 443-3976

FOR OFFICIAL USE ONLY

PVPO NUMBER
20020013

FILING DATE
4/1/2002

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
CA

9. DATE OF INCORPORATION
1982

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
Rick Falconer
American Takii, Inc.
301 Natividad Road
Salinas, CA 93906
USA

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 2,705.00
DATE 4/1/2002

CERTIFICATION FEE:
$ 682.00
DATE 7/25/2005

11. TELEPHONE *(Include area code)*
(831) 443-4901

12. FAX *(Include area code)*
(831) 443-3976

13. E-MAIL
rfalconer@takii.com

14. CROP KIND *(Common Name)*
Crisphead Lettuce

15. GENUS AND SPECIES NAME OF CROP
Lactuca sativa L.

16. FAMILY NAME *(Botanical)*
Asteraceae

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☒ Filing and Examination Fee ($2,705), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 20 and 21 below)* ☒ NO *(If "no", go to item 22)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? ☐ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, *etc.* ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
*(If additional explanation is necessary, please use the space indicated on the reverse.)*

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☐ YES ☒ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER
Rick Falconer

NAME *(Please print or type)*
Rick Falconer

CAPACITY OR TITLE
General Mgr/V.P.

DATE
3/22/02

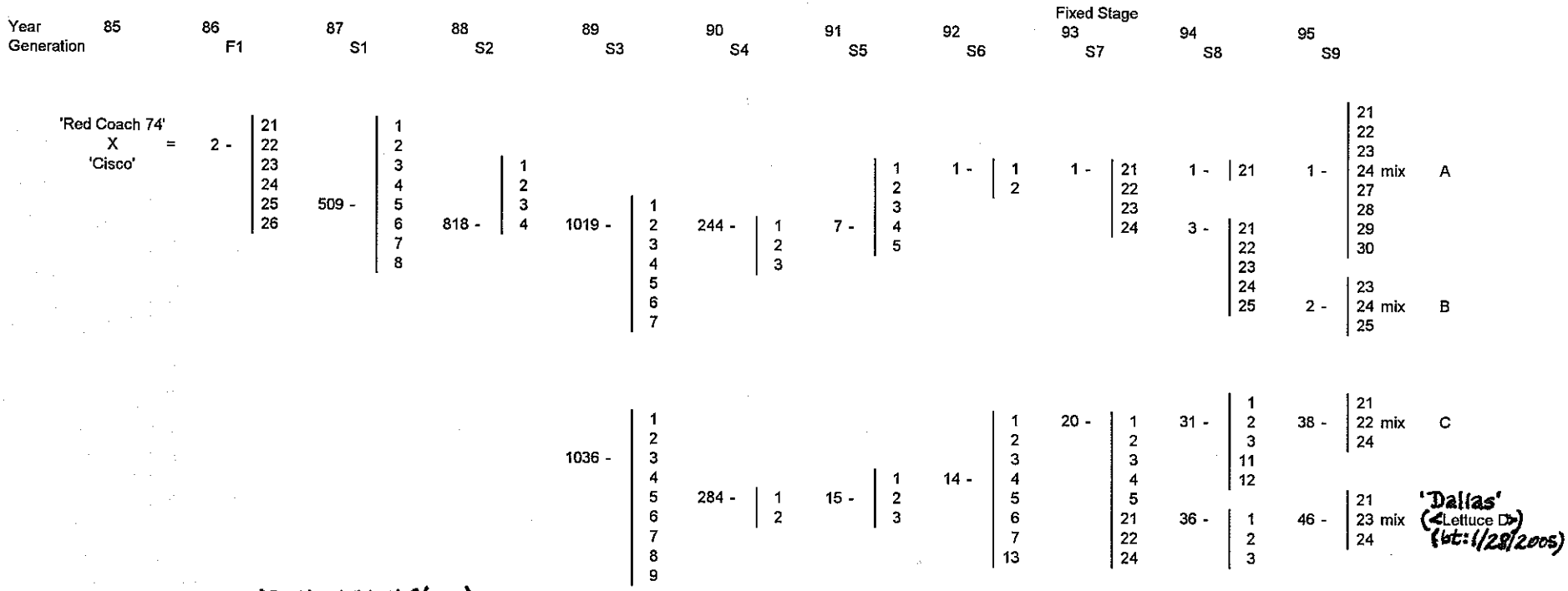
SIGNATURE OF OWNER

NAME *(Please print or type)*

CAPACITY OR TITLE

DATE

## Exhibit A - Origin and Breeding History




The original parents of ~~'Lettuce D'~~ 'Dallas' (bt:1/28/2006) are 'Red Coach 74,' a Vanguard type, and 'Cisco,' a Takii original Salinas type variety.

~~'Lettuce D'~~ 'Dallas' (bt:1/28/2005) became a variety at the S8 (F9) stage in 1994.

The fixed generation stage is S7 (F8) in 1993.

The selection criteria:

1. Head Size - to become large
2. Head Color - to become dark green
3. Head Shape - to stay round

The color of ~~'Lettuce D'~~ 'Dallas' (bt:1/28/2005) is darker than the color of the original parent 'Red Coach 74.'
The head size of ~~'Lettuce D'~~ 'Dallas' (bt:1/28/2005) is larger than those of the original parent 'Cisco.'

The whole procedure has been processed with conventional breeding methods.

1. Grow trials.
2. Selection and grow plants in greenhouse.
3. Collect seed.

~~'Lettuce D'~~ 'Dallas' (bt:1/28/2005) has been observed for 6 generations of reproduction and seed increase and is stable and uniform.
There are no variants except for those that would normally be expected due to the environment.

20020123

**Exhibit B - Statement of Distinctness**

1) The most similar existing variety to 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is 'Legacy.'

2) The characters that distinguish 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ from 'Legacy' are; spread of frame leaves, head weight, head diameter, core diameter, and core height.

3) 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is most similar to 'Legacy'; however, 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ has a larger spread of frame leaves than ' Legacy' (50.2 vs. 43.3 cm respectively).

'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is most similar to 'Legacy'; however, 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ has a greater head weight than 'Legacy' (777.5 vs. 512.5 g respectively).

'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is most similar to 'Legacy'; however, 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ has a larger head diameter than 'Legacy' (17.1 vs. 14.5 cm respectively).

'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is most similar to 'Legacy'; however, 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ has a larger core diameter than 'Legacy' (34.6 vs. 29.6 mm respectively).

'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ is most similar to 'Legacy'; however, 'Dallas' (bt:1/28/2005) ~~'Lettuce D'~~ has a taller core height than 'Legacy' (43.0 vs. 33.2 mm respectively).

4) Please see attached statistical data.

U. S. Department of Agriculture
Agricultural Marketing Service
Science and Technology Program

Exhibit C

# OBJECTIVE DESCRIPTION OF VARIETY
## LETTUCE *Lactuca sativa*

NAME OF APPLICANT (S)
American Takii, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)
301 Natividad Road
Salinas, CA 93906

FOR OFFICIAL USE ONLY
PVP Number 200200132

VARIETY NAME
'Dallas' (bt:1/28/2005)

EXPERIMENTAL DESIGNATION
<LETTUCE D> (BT:4/8/2002)

Place numbers in the boxes for the characters which best describe this variety. Measured data should be the mean of an appropriate number (at least 10) of v spaced plants. Royal Horticultural Society or any recognized color standard may be used to determine plant colors.

The location of the test area is:
Salinas, CA

Color System Used:
Royal Horticultural Society

1. PLANT TYPE: *(See list of suggested check varieties page 4.)*

[1 1]

01=Cutting/Leaf
02=Butterhead
03=Bibb
04=Cos or Romaine
05=Great Lakes Group
06=Vanguard Group
07=Imperial Group
08=Eastern (Ithaca) Group
09=Stem
10=Latin
11=OTHER: Salinas

2. SEED:

COLOR: [2] 1=White (Silver Gray) 2=Black (Gray Brown) 3=Brown (Amber)

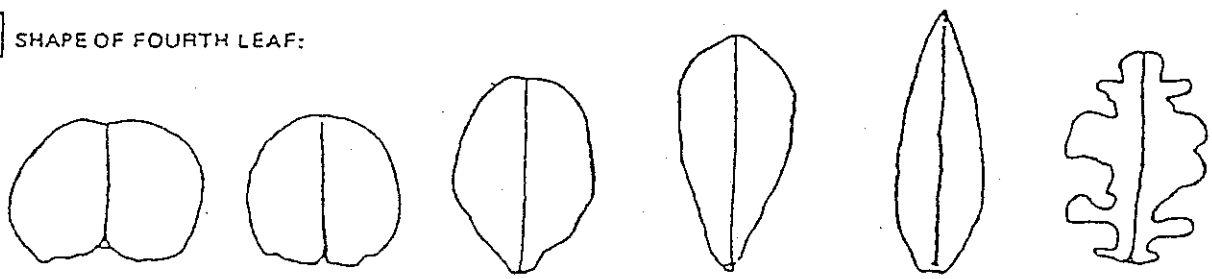
LIGHT DORMANCY: [2] 1=Light Required 2=Light Not Required

HEAT DORMANCY: [2] 1=Susceptible 2=Not Susceptible

3. COTYLEDON TO FOURTH LEAF STAGE: NOTE: Provide a color photograph or photocopy of the fourth leaf from 20 day old seedling grown under optimal conditions.

[2] SHAPE OF COTYLEDONS: 1=Broad 2=Intermediate 3=Spatulate

[4] SHAPE OF FOURTH LEAF:



1 2 3 4 5 6

[2 5] LENGTH/WIDTH INDEX OF FOURTH LEAF: L/W x 10

[3] APICAL MARGIN:
[4] BASAL MARGIN:
1=Entire 2=Crenate/Gnawed 3=Finely Dentate 4=Moderately Dentate 5=Coarsely Dentate 6=Incised 7=Lobed 8=OTHER (specify)

[2] UNDULATION: 1=Flat 2=Slight 3=Medium 4=Marked

[2] GREEN COLOR: 1=Yellow Green 2=Light Green 3=Medium Green 4=Dark Green 5=Blue Green 6=Silver Green 7=Gray Green

Green Group 143A

ANTHOCYANIN:

[1] DISTRIBUTION: 1=Absent 2=Margin Only 3=Spotted 4=Throughout 5=OTHER (specify)

[1] CONCENTRATION: 1=Light 2=Moderate 3=Intense

[2] ROLLING: 1=Absent 2=Present

[2] CUPPING: 1=Uncupped 2=Slight 3=Markedly

[2] REFLEXING: 1=None 2=Apical Margin 3=Lateral Margins

200200132

4. MATURE LEAVES *(observe harvest-mature outer leaves)*:

NOTE: Provide color photo of harvest-mature leaves which accurately shows color and margin characteristics.

MARGIN:

| | | | | |
|---|---|---|---|---|
| 2 | INCISION DEPTH: *(deepest penetration of the margin)* | 1=Absent/Shallow (Dark Green Boston) | 2=Moderate (Vanguard) | 3=Deep (Great Lakes 659) |
| 2 | INDENTATION: *(finest divisions of the margin)* | 1=Entire (Dark Green Boston)<br>2=Shallowly Dentate (Great Lakes 65) | 3=Deeply Dentate (Great Lakes 659)<br>4=Crenate (Vanguard) | 5=OTHER *(specify)* |
| 1 | UNDULATION OF THE APICAL MARGIN: | 1=Absent/Slight (Dark Green Boston) | 2=Moderate (Vanguard) | 3=Strong (Great Lakes 65 |
| 3 | GREEN COLOR: | 1=Very Light Green (Bibb)<br>2=Light Green (Minetto) | 3=Medium Green (Great Lakes)<br>4=Dark Green (Vanguard) | 5=Very Dark Green<br>6=OTHER |

GREEN Group 137C

ANTHOCYANIN *(grown at or below 10 C)*:

| | | | | |
|---|---|---|---|---|
| 1 | DISTRIBUTION: | 1=Absent<br>2=Margin Only (Big Boston) | 3=Spotted (Calif. Cream Butter)<br>4=Throughout (Prize Head) | 5=OTHER *(specify)* |
| 1 | CONCENTRATION: | 1=Light (Iceberg) | 2=Moderate (Prize Head) | 3=Intense (Ruby) |
| 2 | SIZE: | 1=Small | 2=Medium | 3=Large |
| 2 | GLOSSINESS: | 1=Dull (Vanguard) | 2=Moderate (Salinas) | 3=Glossy (Great Lakes) |
| 1 | BLISTERING: | 1=Absent/Slight (Salinas) | 2=Moderate (Vanguard) | 3=Strong (Prize Head) |
| 2 | LEAF THICKNESS: | 1=Thin | 2=Intermediate | 3=Thick |
| 1 | TRICHOMES: | 1=Absent (smooth) | 2=Present (spiny) | |

5. PLANT *(at market stage. Choose a comparison variety appropriate for this type.)*:

SPREAD OF FRAME LEAVES:
50 cm This Variety — 43 cm Legacy *(specify comparison variety)*

HEAD DIAMETER *(market trimmed with single cap leaf)*:
17 cm This Variety — 14 cm Legacy *(specify comparison variety)*

| | | | | |
|---|---|---|---|---|
| 2 | HEAD SHAPE: | 1=Flattened<br>2=Slightly Flattened | 3=Spherical<br>4=Elongate | 5=Non-Heading<br>6=OTHER |
| 2 | HEAD SIZE CLASS: | 1=Small | 2=Medium | 3=Large |

24 HEAD COUNT PER CARTON

HEAD WEIGHT:
7775 g This Variety — 512.5 g Legacy *(specify comparison variety)*

| | | | | |
|---|---|---|---|---|
| 2 | HEAD FIRMNESS: | 1=Loose<br>2=Moderate | 3=Firm<br>4=Very Firm | |

6. BUTT *(bottom of market-trimmed head)*:

| | | | | |
|---|---|---|---|---|
| 2 | SHAPE: | 1=Slightly Concave | 2=Flat | 3=Rounded |
| 1 | MIDRIB: | 1=Flattened (Salinas) | 2=Moderately Raised | 3=Prominently Raised (Great Lakes 659) |

7. CORE *(stem of market-trimmed head)*:

35 mm Diameter at base of head

496 Ratio of head diameter/core diameter

43 Core height from base of head to apex:
mm This Variety — 33 mm Legacy *(specify comparison variety)*

8. BOLTING *(Give First Water Date _____)*: NOTE: First Water Date is the date seed first receives adequate moisture to germinate. This can and often does equal the planting date.

123 Number of days from First Water Date to seed stalk emergence *(summer conditions)*:
This Variety — 120 Legacy *(specify comparison variety)*

| | | | | |
|---|---|---|---|---|
| 3 | BOLTING CLASS: | 1=Very Slow<br>2=Slow | 3=Medium<br>4=Rapid | 5=Very Rapid |

142 Height of mature seed stalk:
cm This Variety — 139 cm Legacy *(specify comparison variety)*



BOLTING cont'd on next page

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Spread of Bolter Plant *(at widest point)*:
[4][2] cm This Variety [3][8] cm Legacy *(specify comparison variety)*

[2] BOLTER LEAVES: 1=Straight 2=Curved

[2] MARGIN: 1=Entire 2=Dentate

[2] COLOR: 1=Light Green 2=Medium Green 3=Dark Green

BOLTER HABIT:

[2] TERMINAL INFLORESCENCE: 1=Absent 2=Present

[2] LATERAL SHOOTS: *(above head)* 1=Absent 2=Present

[2] BASAL SIDE SHOOTS: 1=Absent 2=Present

9. MATURITY *(earliness of harvest-mature head formation)*:

NOTE: Complete this section for at least one season.

| SEASON | Applic. 1/ # of days | Check 1/ # of days | CHECK VARIETY 2/ |
|---|---|---|---|
| Spring | | | |
| Summer | 65 | 67 | Legacy |
| Fall | 79 | 81 | Legacy |
| Winter | | | |

Give planting date(s) and location(s):

Spring

Summer Seeded 7/23/01 in Salinas, CA

Fall Seeded 8/4/01 in Salinas, CA

Winter

1/ First water date to harvest. 2/ Fill in check variety name on the appropriate line.

10. ADAPTATION:

PRIMARY REGIONS OF ADAPTION *(tested and proven adapted)*: (0=Not tested 1=Not Adapted 2=Adapted)

[2] Southwest *(Calif., Ariz. desert)* [2] West Coast [0] Northeast

[0] Northcentral [0] Southeast [2] OTHER Japan

SEASON:

[2] Spring (area Southwest + West Coast) [2] Fall (area Southwest + West Coast)

[2] Summer (area Southwest + West Coast) [1] Winter (area )

[0] GREENHOUSE: 0=Not tested 1=Not Adapted 2=Adapted

[3] SOIL TYPE: 1=Mineral 2=Organic 3=Both



FORM LS-470-1
(9-86)

20020132

11. DISEASES AND STRESS REACTIONS (0=Not tested; 1=Susceptible; 2=Intermediate; 3=Resistant; 4=Highly resistant; 5=Tolerant):

VIRUS

- [1] Big Vein
- [1] Lettuce Mosaic
- [0] Cucumber Mosaic
- [0] Broad Bean Wilt
- [0] Turnip Mosaic
- [0] Beet Western Yellows
- [0] Lett. Infectious Yellows
- [ ] Other Virus _____

FUNGAL/BACTERIAL

- [1] Corky Root Rot (Pythium Root Rot)
- [1] Downy Mildew (Races _____ )
- [2] Powdery Mildew
- [2] Sclerotinia Rot
- [2] Bacterial Soft Rot (Pseudomonas spp. & others)
- [0] Botrytis (Gray Mold)
- [ ] OTHER _____

INSECTS

- [0] Cabbage Loopers
- [1] Root Aphids
- [0] Green Peach Aphid
- [ ] Other Insect _____

PHYSIOLOGICAL/STRESS

- [2] Tipburn
- [1] Heat
- [2] Drought
- [2] Cold
- [0] Salt
- [2] Brown Rib (Rib Discoloration, Rib Blight)
- [ ] OTHER _____

POST HARVEST

- [2] Pink Rib
- [1] Russet Spotting
- [2] Rusty Brown Discoloration
- [2] Internal Rib Necrosis (Blackheart, Gray Rib, Gray Streak)
- [1] Brown Stain

12. BIOCHEMICAL OR ELECTROPHORETIC MARKERS:

None

13. COMMENTS:

Sister line of 'Legacy' which is a popular commercial Salinas variety. 'Legacy' does not have PVP. 'Lettuce D' is 'Legacy' improved.

SUGGESTED CHECK VARIETIES

| TYPE | CHECK VARIETY |
|---|---|
| 1) CUTTING/LEAF | SALAD BOWL |
| 2) BUTTERHEAD | DARK GREEN BOSTON |
| 3) BIBB | BIBB |
| 4) COS, OR ROMAINE | PARRIS ISLAND |
| 5) GREAT LAKES GROUP | GREAT LAKES 659-700 |
| 6) VANGUARD GROUP | VANGUARD |
| 7) IMPERIAL GROUP | VIVA |
| 8) EASTERN GROUP | ITHACA |
| 9) STEM | CELTUCE |
| 10) LATIN | MATCHLESS |

## One-Way ANOVA for 2 Independent Samples

200200132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Head Weight (g)**

(bt:1/28/2005)

| ~~Lettuce D~~ 'Dallas' | Legacy |
|---|---|
| 1025 | 550 |
| 875 | 425 |
| 850 | 625 |
| 575 | 450 |
| 725 | 575 |
| 850 | 600 |
| 925 | 475 |
| 750 | 400 |
| 650 | 600 |
| 950 | 400 |

**Data Summary**

(bt:1/28/05)

| ~~Lettuce D~~ 'Dallas' | Legacy | Total |
|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 8175 | 5100 | 13275 |
| -Mean | 817.5 | 510 | 663.75 |
| -Σ $X^2$ | 6860625 | 2672500 | 9533125 |
| Variance | 19729.17 | 7944.444 | 37991.78 |
| Std. Dev. | 140.4606 | 89.1316 | 194.9148 |
| Std. Err. | 44.4175 | 28.1859 | 43.5843 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 472781.3 | 1 | 472781.3 | 34.17 | <.0001 |
| Error | 249062.5 | 18 | 13836.81 | | |
| Total | 721843.8 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 34.17 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

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### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Head Weight (g)**

(bt:1/28/05) 'Dallas'

| ~~Lettuce D~~ | Legacy |
|---|---|
| 700 | 600 |
| 850 | 450 |
| 775 | 550 |
| 750 | 450 |
| 675 | 525 |
| 575 | 575 |
| 750 | 450 |
| 675 | 475 |
| 800 | 500 |
| 825 | 575 |

**Data Summary**

(bt:1/28/2005) 'Dallas'

| ~~Lettuce D~~ | Legacy | Total |
|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 7375 | 5150 | 12525 |
| -Mean | 737.5 | 515 | 626.25 |
| -Σ $X^2$ | 5500625 | 2682500 | 8183125 |
| Variance | 6840.278 | 3361.111 | 17860.2 |
| Std. Dev. | 82.706 | 57.9751 | 133.642 |
| Std. Err. | 26.1539 | 18.3333 | 29.8833 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 247531.3 | 1 | 247531.3 | 48.53 | <.0001 |
| Error | 91812.5 | 18 | 5100.69 | | |
| Total | 339343.8 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 48.53 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

**Average Mean of Trial 1 and Trial 2**

(bt:1/28/05) 'Dallas'

| ~~Lettuce D~~ | Legacy |
|---|---|
| 777.5 | 512.5 |

## One-Way ANOVA for 2 Independent Samples

200200132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Spread of Frame Leaves (cm)**

(Lt: 1/28/05) "Dallas"

| ~~Lettuce D~~ | Legacy |
|---|---|
| 53.0 | 48.0 |
| 50.0 | 47.0 |
| 51.0 | 45.5 |
| 52.0 | 37.5 |
| 51.0 | 45.5 |
| 51.0 | 47.0 |
| 47.5 | 42.5 |
| 47.0 | 40.5 |
| 47.5 | 44.5 |
| 51.0 | 46.5 |

**Data Summary**

(Lt: 1/28/05) ~~Lettuce D~~ "Dallas"

| | ~~Lettuce D~~ | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 501 | 444.5 | 945.5 |
| -Mean | 50.1 | 44.45 | 47.275 |
| $-\Sigma X^2$ | 25138.5 | 19857.75 | 44996.25 |
| Variance | 4.2667 | 11.0806 | 15.6704 |
| Std. Dev. | 2.0656 | 3.3287 | 3.9586 |
| Std. Err. | 0.6532 | 1.0526 | 0.8852 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 159.61 | 1 | 159.61 | 20.81 | 0.000242 |
| Error | 138.13 | 18 | 7.67 | | |
| Total | 297.74 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 20.81 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Spread of Frame Leaves (cm)**

(Lt: 1/28/05) "Dallas"

| ~~Lettuce D~~ | Legacy |
|---|---|
| 52.0 | 46.0 |
| 51.0 | 40.5 |
| 51.5 | 40.0 |
| 48.0 | 42.0 |
| 47.5 | 39.5 |
| 49.0 | 42.5 |
| 52.0 | 41.0 |
| 52.5 | 42.0 |
| 46.0 | 43.0 |
| 53.0 | 45.5 |

**Data Summary**

(Lt: 1/28/2005) "Dallas"

| | ~~Lettuce D~~ | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 502.5 | 422 | 924.5 |
| -Mean | 50.25 | 42.2 | 46.225 |
| $-\Sigma X^2$ | 25303.75 | 17851 | 43154.75 |
| Variance | 5.9028 | 4.7333 | 22.0914 |
| Std. Dev. | 2.4296 | 2.1756 | 4.7002 |
| Std. Err. | 0.7683 | 0.688 | 1.051 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 324.01 | 1 | 324.01 | 60.9 | <.0001 |
| Error | 95.73 | 18 | 5.32 | | |
| Total | 419.74 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 60.9 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

**Average Mean of Trial 1 and Trial 2**

(Lt: 1/28/05) "Dallas"

| ~~Lettuce D~~ | Legacy |
|---|---|
| 50.175 | 43.325 |

## One-Way ANOVA for 2 Independent Samples

200200132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Head Diameter (cm)**

(bt:1/28/05) ~~Lettuce D~~ Dallas' | Legacy
---|---
18.2 | 16.0
17.3 | 15.7
17.2 | 14.4
17.3 | 15.0
16.0 | 14.5
16.5 | 15.5
18.5 | 15.0
18.2 | 13.5
17.0 | 14.0
15.0 | 15.2

**Data Summary**

(bt:1/28/2005) | ~~Lettuce D~~ Dallas' | Legacy | Total
---|---|---|---
N | 10 | 10 | 20
-Σ X | 171.2 | 148.8 | 320
-Mean | 17.12 | 14.88 | 16
-Σ $X^2$ | 2941.4 | 2219.64 | 5161.04
Variance | 1.1618 | 0.6107 | 2.16
Std. Dev. | 1.0779 | 0.7815 | 1.4697
Std. Err. | 0.3408 | 0.2471 | 0.3286

**ANOVA Summary**

Source | SS | df | MS | F | P
---|---|---|---|---|---
Treatment | 25.09 | 1 | 25.09 | 28.19 | <.0001
Error | 15.95 | 18 | 0.89 | |
Total | 41.04 | 19 | | |

**F Distribution**

Table Value of $F_{.05}$ | 4.41
---|---
Table Value of $F_{.01}$ | 8.29
Computed F Ratio | 28.19

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Head Diameter (cm)**

(bt:1/28/2005) ~~Lettuce D~~ Dallas' | Legacy
---|---
15.1 | 13.9
17.5 | 15.0
15.5 | 15.0
19.7 | 13.0
14.5 | 14.0
16.5 | 14.5
17.0 | 13.5
19.5 | 13.5
18.0 | 14.0
17.0 | 14.0

**Data Summary**

(bt:1/28/05) | ~~Lettuce D~~ Dallas' | Legacy | Total
---|---|---|---
N | 10 | 10 | 20
-Σ X | 170.3 | 140.4 | 310.7
-Mean | 17.03 | 14.04 | 15.535
-Σ $X^2$ | 2927.35 | 1974.96 | 4902.31
Variance | 3.0157 | 0.416 | 3.9782
Std. Dev. | 1.7366 | 0.645 | 1.9945
Std. Err. | 0.5492 | 0.204 | 0.446

**ANOVA Summary**

Source | SS | df | MS | F | P
---|---|---|---|---|---
Treatment | 44.7 | 1 | 44.7 | 25.99 | <.0001
Error | 30.89 | 18 | 1.72 | |
Total | 75.59 | 19 | | |

**F Distribution**

Table Value of $F_{.05}$ | 4.41
---|---
Table Value of $F_{.01}$ | 8.29
Computed F Ratio | 25.99

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

**Average Mean of Trial 1 and Trial 2**

(bt:1/28/2005) ~~Lettuce D~~ Dallas' | Legacy
---|---
17.075 | 14.46

## One-Way ANOVA for 2 Independent Samples

20020132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Core Diameter (mm)**

(bt: 1/28/2005)

| ~~Lettuce D~~ Dallas' | Legacy |
|---|---|
| 37 | 30 |
| 35 | 27 |
| 35 | 33 |
| 33 | 30 |
| 33 | 31 |
| 35 | 31 |
| 37 | 30 |
| 33 | 26 |
| 35 | 29 |
| 36 | 27 |

**Data Summary**

(bt: 1/28/2005)

| | ~~Lettuce D~~ Dallas' | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 349 | 294 | 643 |
| -Mean | 34.9 | 29.4 | 32.15 |
| $-\Sigma X^2$ | 12201 | 8686 | 20887 |
| Variance | 2.3222 | 4.7111 | 11.2921 |
| Std. Dev. | 1.5239 | 2.1705 | 3.3604 |
| Std. Err. | 0.4819 | 0.6864 | 0.7514 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 151.25 | 1 | 151.25 | 42.97 | <.0001 |
| Error | 63.3 | 18 | 3.52 | | |
| Total | 214.55 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 42.97 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Core Diameter (mm)**

(bt: 1/28/2005)

| ~~Lettuce D~~ Dallas' | Legacy |
|---|---|
| 34 | 34 |
| 36 | 29 |
| 35 | 30 |
| 36 | 29 |
| 36 | 28 |
| 29 | 30 |
| 33 | 28 |
| 33 | 31 |
| 35 | 28 |
| 35 | 31 |

**Data Summary**

(bt: 1/28/2005)

| | ~~Lettuce D~~ Dallas' | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 342 | 298 | 640 |
| -Mean | 34.2 | 29.8 | 32 |
| $-\Sigma X^2$ | 11738 | 8912 | 20650 |
| Variance | 4.6222 | 3.5111 | 8.9474 |
| Std. Dev. | 2.1499 | 1.8738 | 2.9912 |
| Std. Err. | 0.6799 | 0.5925 | 0.6689 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 96.8 | 1 | 96.8 | 23.78 | 0.000121 |
| Error | 73.2 | 18 | 4.07 | | |
| Total | 170 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 23.78 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

**Average Mean of Trial 1 and Trial 2**

(bt: 1/28/2005)

| ~~Lettuce D~~ Dallas' | Legacy |
|---|---|
| 34.55 | 29.6 |

## One-Way ANOVA for 2 Independent Samples

200200132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Core Height (mm)**

| ~~Lettuce D~~ Dallas' (bt: 1/28/2005) | Legacy |
|---|---|
| 47 | 33 |
| 44 | 25 |
| 42 | 35 |
| 42 | 40 |
| 45 | 36 |
| 35 | 33 |
| 53 | 28 |
| 43 | 31 |
| 35 | 37 |
| 44 | 33 |

**Data Summary**

| (bt: 1/28/2005) ~~Lettuce D~~ Dallas' | Legacy | Total |
|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 430 | 331 | 761 |
| -Mean | 43 | 33.1 | 38.05 |
| -Σ $X^2$ | 18742 | 11127 | 29869 |
| Variance | 28 | 18.9889 | 48.05 |
| Std. Dev. | 5.2915 | 4.3576 | 6.9318 |
| Std. Err. | 1.6733 | 1.378 | 1.55 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 490.05 | 1 | 490.05 | 20.86 | 0.000239 |
| Error | 422.9 | 18 | 23.49 | | |
| Total | 912.95 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 20.86 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Core Height (mm)**

| ~~Lettuce D~~ Dallas' (bt: 1/28/2005) | Legacy |
|---|---|
| 47 | 48 |
| 37 | 29 |
| 50 | 34 |
| 44 | 31 |
| 40 | 29 |
| 32 | 38 |
| 48 | 25 |
| 41 | 34 |
| 42 | 31 |
| 49 | 34 |

**Data Summary**

| (bt: 1/28/2005) Dallas' ~~Lettuce D~~ | Legacy | Total |
|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 430 | 333 | 763 |
| -Mean | 43 | 33.3 | 38.15 |
| -Σ $X^2$ | 18788 | 11445 | 30233 |
| Variance | 33.1111 | 39.5667 | 59.1868 |
| Std. Dev. | 5.7542 | 6.2902 | 7.6933 |
| Std. Err. | 1.8196 | 1.9891 | 1.7203 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 470.45 | 1 | 470.45 | 12.95 | 0.002054 |
| Error | 654.1 | 18 | 36.34 | | |
| Total | 1124.55 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 12.95 |

Computed F ratio > table value of $F_{.01}$ so the means are highly significantly different at 1%.

---

**Average Mean of Trial 1 and Trial 2**

| (bt: 1/28/2005) Dallas' ~~Lettuce D~~ | Legacy |
|---|---|
| 43 | 33.2 |

## One-Way ANOVA for 2 Independent Samples

200200132

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Height of Mature Seed Stalk (cm)**

| ~~Lettuce D~~ Dallas (bt:1/28/05) | Legacy |
|---|---|
| 135 | 131 |
| 142 | 133 |
| 139 | 134 |
| 157 | 149 |
| 156 | 121 |
| 140 | 136 |
| 143 | 114 |
| 104 | 135 |
| 141 | 115 |
| 150 | 146 |

**Data Summary** (bt:1/28/2005)

| | ~~Lettuce D~~ Dallas | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 1407 | 1314 | 2721 |
| -Mean | 140.7 | 131.4 | 136.05 |
| $-\Sigma X^2$ | 199941 | 173906 | 373847 |
| Variance | 219.5667 | 138.4889 | 192.3658 |
| Std. Dev. | 14.8178 | 11.7681 | 13.8696 |
| Std. Err. | 4.6858 | 3.7214 | 3.1013 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 432.45 | 1 | 432.45 | 2.42 | 0.137202 |
| Error | 3222.5 | 18 | 179.03 | | |
| Total | 3654.95 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 2.42 |

Computed F ratio < table values of F so the means are not significantly different.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Height of Mature Seed Stalk (cm)**

| ~~Lettuce D~~ Dallas (bt:1/28/2005) | Legacy |
|---|---|
| 134 | 135 |
| 145 | 145 |
| 142 | 151 |
| 146 | 149 |
| 127 | 155 |
| 147 | 150 |
| 145 | 153 |
| 151 | 142 |
| 146 | 150 |
| 147 | 137 |

**Data Summary**

| (bt:1/28/05) ~~Lettuce D~~ Dallas | Legacy | Total |
|---|---|---|
| N | 10 | 10 | 20 |
| $-\Sigma X$ | 1430 | 1467 | 2897 |
| -Mean | 143 | 146.7 | 144.85 |
| $-\Sigma X^2$ | 204950 | 215619 | 420569 |
| Variance | 51.1111 | 45.5667 | 49.3974 |
| Std. Dev. | 7.1492 | 6.7503 | 7.0283 |
| Std. Err. | 2.2608 | 2.1346 | 1.5716 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 68.45 | 1 | 68.45 | 1.42 | 0.248879 |
| Error | 870.1 | 18 | 48.34 | | |
| Total | 938.55 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 1.42 |

Computed F ratio < table values of F so the means are not significantly different.

---

**Average Mean of Trial 1 and Trial 2**

(bt:1/28/2005)

| ~~Lettuce D~~ Dallas | Legacy |
|---|---|
| 141.85 | 139.05 |

## One-Way ANOVA for 2 Independent Samples

### Trial 1

Location: Frank McFadden Ranch Lot 3F, Salinas, CA
Planting Date: 7/23/01
Evaluation Date: 9/26/01
Plot Size: Four 20 ft. plots with 172 plants total

**Spread of Bolter Plant (cm)**

(bt:1/28/2005)

| ~~Lettuce D~~ Dallas | Legacy |
|---|---|
| 36 | 34 |
| 32 | 32 |
| 44 | 36 |
| 39 | 36 |
| 40 | 30 |
| 43 | 36 |
| 32 | 32 |
| 30 | 43 |
| 31 | 28 |
| 35 | 38 |

**Data Summary**

(bt:1/28/2005)

| | ~~Lettuce D~~ Dallas | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 362 | 345 | 707 |
| -Mean | 36.2 | 34.5 | 35.35 |
| -Σ $X^2$ | 13336 | 12069 | 25405 |
| Variance | 25.7333 | 18.5 | 21.7132 |
| Std. Dev. | 5.0728 | 4.3012 | 4.6597 |
| Std. Err. | 1.6042 | 1.3601 | 1.0419 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 14.45 | 1 | 14.45 | 0.65 | 0.430636 |
| Error | 398.1 | 18 | 22.12 | | |
| Total | 412.55 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 0.65 |

Computed F ratio < table values of F so the means are not significantly different.

---

### Trial 2

Location: Secondo Farms Lot 11, Salinas, CA
Planting Date: 8/4/01
Evaluation Date: 10/19/01
Plot Size: Four 100 ft. plots with 864 plants total

**Spread of Bolter Plant (cm)**

(bt:1/28/2005)

| ~~Lettuce D~~ Dallas | Legacy |
|---|---|
| 25 | 39 |
| 37 | 42 |
| 45 | 41 |
| 54 | 39 |
| 52 | 42 |
| 52 | 38 |
| 50 | 39 |
| 56 | 44 |
| 56 | 43 |
| 46 | 41 |

**Data Summary**

(bt:1/28/'05)

| | ~~Lettuce D~~ Dallas | Legacy | Total |
|---|---|---|---|
| N | 10 | 10 | 20 |
| -Σ X | 473 | 408 | 881 |
| -Mean | 47.3 | 40.8 | 44.05 |
| -Σ $X^2$ | 23231 | 16682 | 39913 |
| Variance | 95.3444 | 3.9556 | 58.1553 |
| Std. Dev. | 9.7644 | 1.9889 | 7.626 |
| Std. Err. | 3.0878 | 0.6289 | 1.7052 |

**ANOVA Summary**

| Source | SS | df | MS | F | P |
|---|---|---|---|---|---|
| Treatment | 211.25 | 1 | 211.25 | 4.25 | 0.053995 |
| Error | 893.7 | 18 | 49.65 | | |
| Total | 1104.95 | 19 | | | |

**F Distribution**

| | |
|---|---|
| Table Value of $F_{.05}$ | 4.41 |
| Table Value of $F_{.01}$ | 8.29 |
| Computed F Ratio | 4.25 |

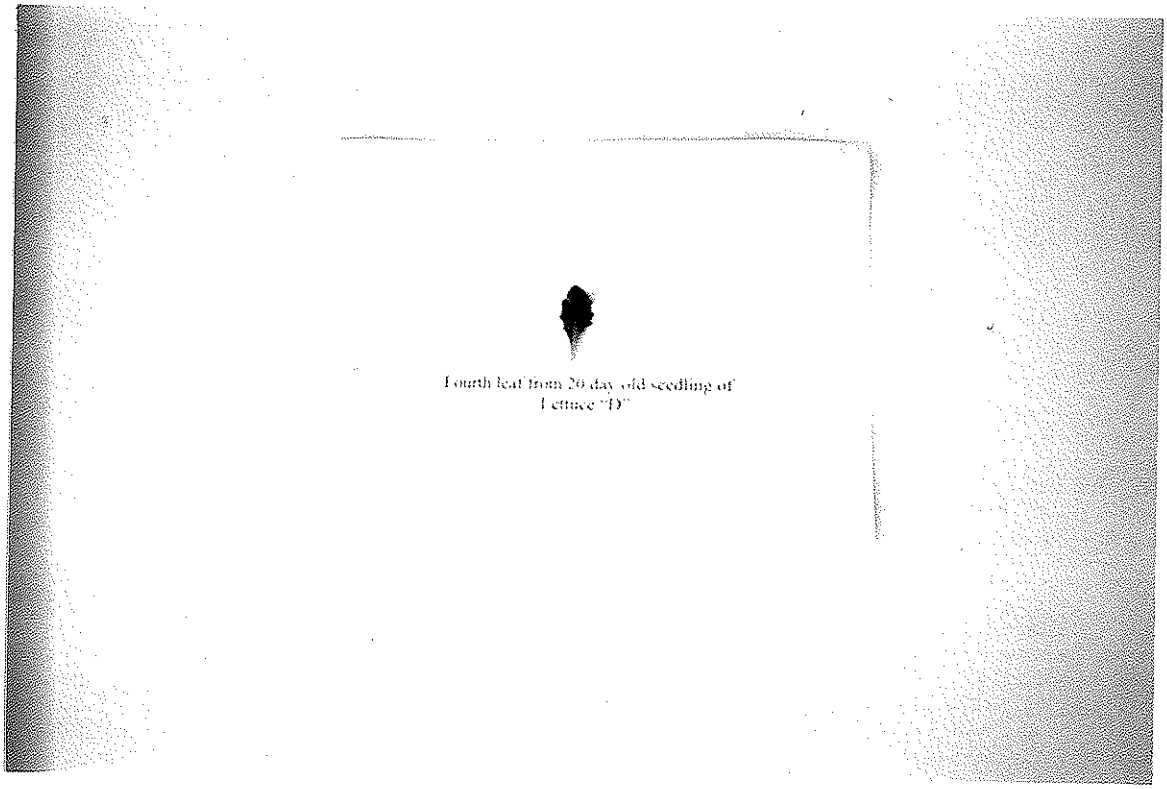
Computed F ratio < table values of F so the means are not significantly different.

---

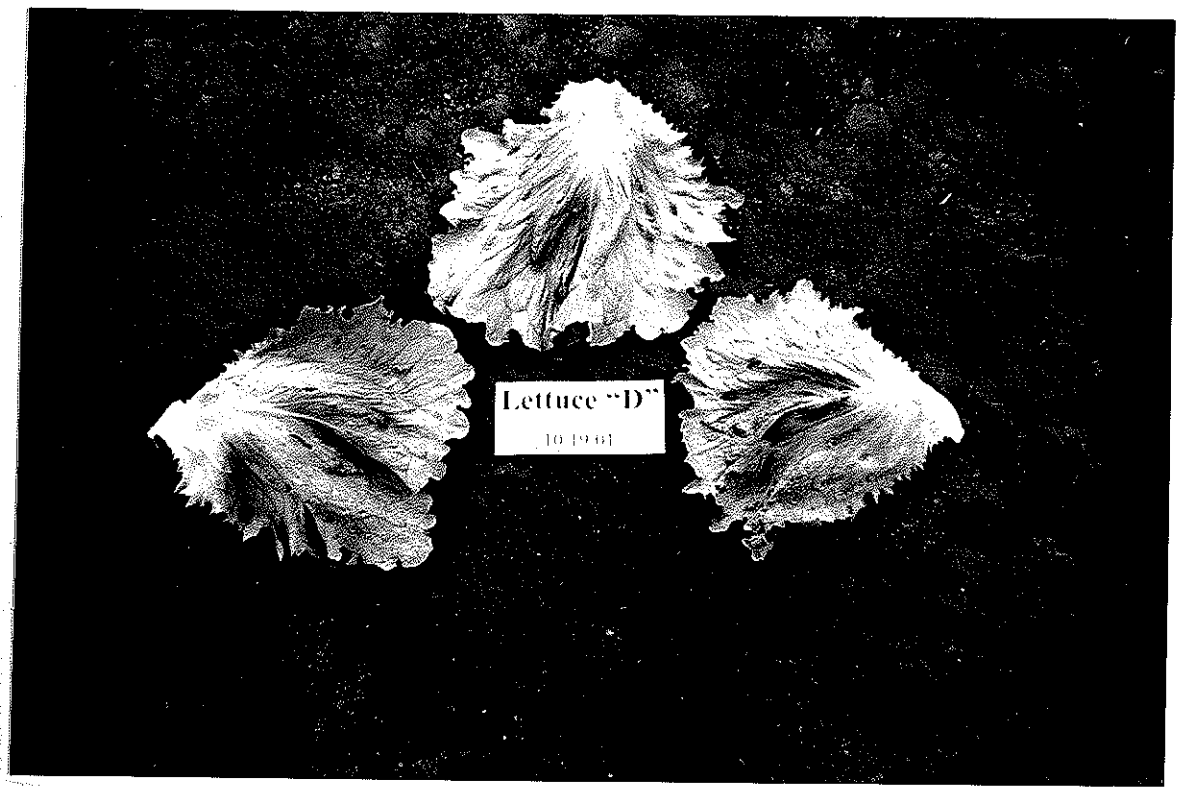
**Average Mean of Trial 1 and Trial 2**

(bt:1/28/2005)

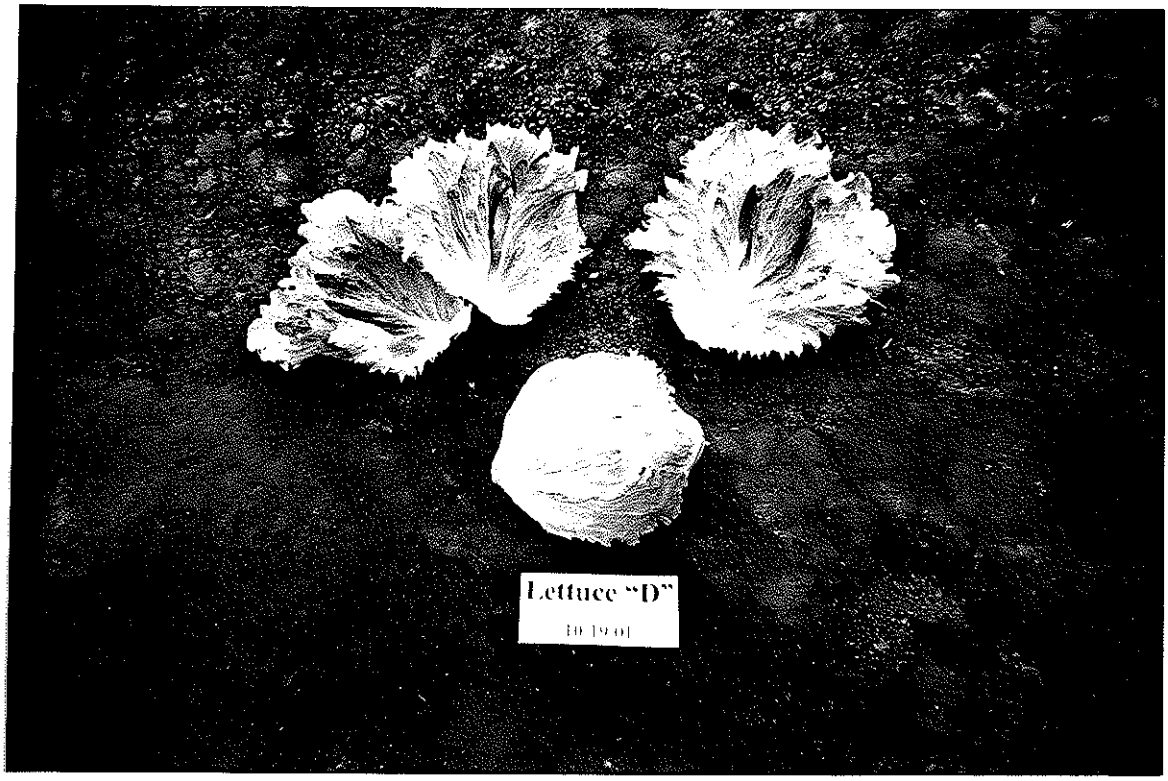
| ~~Lettuce D~~ Dallas | Legacy |
|---|---|
| 41.75 | 37.65 |



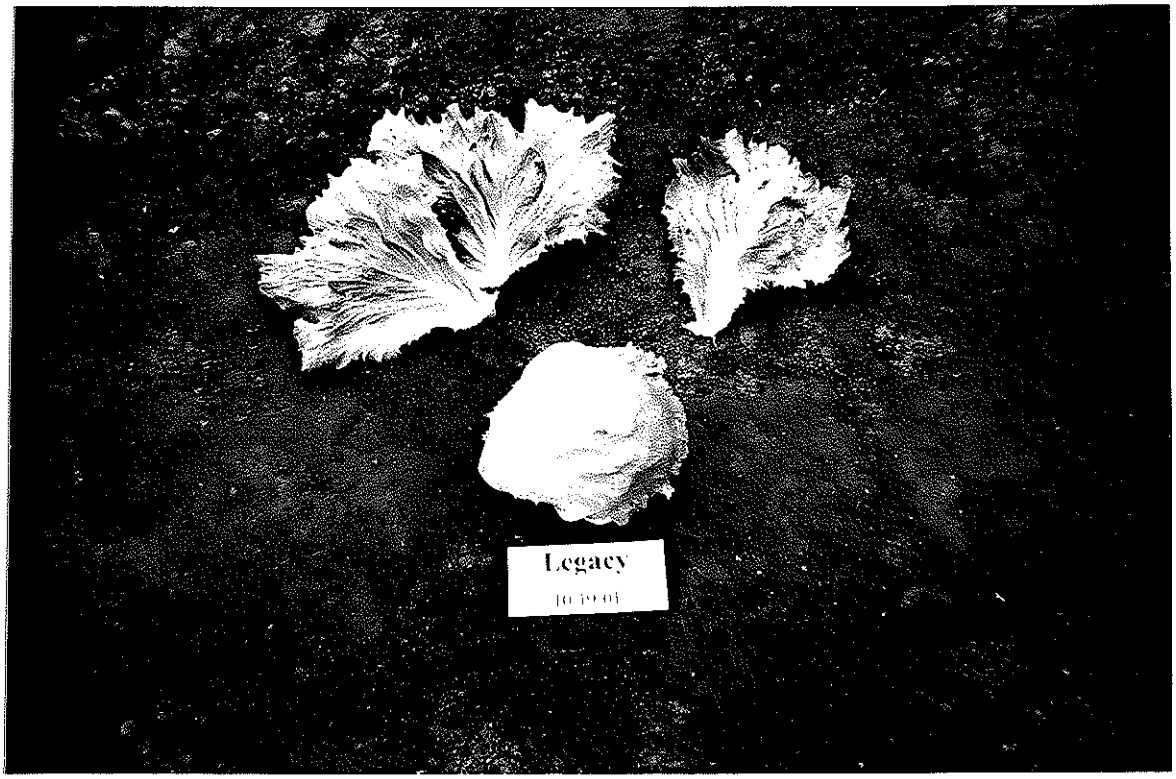

Fourth leaf from a 20 day old seedling of ~~'Lettuce D.'~~ 'Dallas' (1/28/2005)bt)




Harvest mature leaves of ~~'Lettuce D.'~~ 'Dallas' (1/28/2005)bt)




Sample of '~~Lettuce D~~' from field trial.
'Dallas' (bt: 1/28/2005)




Sample of 'Legacy' - the most similar variety to '~~Lettuce D~~.'
'Dallas' (bt: 1/28/2005)

Fourth leaf from 20 day old seedling of

~~Lettuce "D"~~ 'Dallas' (bb 1/28/2005)

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AGRICULTURAL MARKETING SERVICE

# EXHIBIT E
# STATEMENT OF THE BASIS OF OWNERSHIP

*The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.*

*Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).*

| 1. NAME OF APPLICANT(S) | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER | 3. VARIETY NAME |
|---|---|---|
| American Takii, Inc. | Lettuce D | 'Dallas' (bt: 1/28/2005) |
| **4. ADDRESS** *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)* | **5. TELEPHONE** *(include area code)* | **6. FAX** *(include area code)* |
| 301 Natividad Road<br>Salinas, CA 93906<br>USA | (831) 443-4901 | (831) 443-3976 |
| | 7. PVPO NUMBER 200200132 | |

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* **If no, please explain.** ☒ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? ☒ YES ☐ NO
**If no, give name of country**

10. Is the applicant the original owner? ☒ YES ☐ NO *If no, please answer one of the following:*

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?

☐ YES ☐ NO **If no, give name of country**

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?

☐ YES ☐ NO **If no, give name of country**

11. Additional explanation on ownership *(if needed, use reverse for extra space)*:

**PLEASE NOTE:**

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.



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